REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-316)

December 2001

TO:
Chairman, Board of County Commisioners
Sarasota, FL

FROM:
USACE, District Engineer
Attn: CESAJ-CO-OM Jacksonville, Florida

RIVER/HARBOR NAME AND STATE
New Pass, Sarasota County, FL

MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD

NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Middle Half (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)			
Entrance Channel, Cut-1, from red Nun Buoy-2A to green Can Buoy-3A	Nov-2001	150	0.3	10	*	6.5 (1)	*
Cut-1 & 2, from green Can Buoy-3A to green Light-7	Nov-2001	150	0.5	8	*	7.7 (1)	*
Inner Channel, Cut-3 & 4, from green Light-7 to State Road 780 Bridge	Nov-2001	100	0.5	8	2.3 (2)	4.6 (2)	7.4 (2)
Cut-4 & 5, from State Road 780 Bridge to green Light-13	Nov-2001	100	0.6	8	11.2	8.8	7.9
Cut-6, from green Light-13 to junction of the Intracoastal Waterway	Nov-2001	100	0.7	8	6.3 (3)	6.7 (3)	5.9 (3)
Cut-7, from junction of the Intracoastal Waterway to the entrance of the Turning Basin	Nov-2001	100	0.7	8	8.1	8.9	9.1
Turning Basin	Nov-2001	100-300	0.1	8	7.6 (4)	7.1 (4)	3.5 (4)

Remarks:

1. Extreme shoaling across entire reach. The U.S. Coast Guard has marked more navigable waters south of the Federal channel. Minimum depth from red Nun Buoy-2A to green Can Buoy-3A is 6.5 feet. Minimum depth from green Can Buoy-3A to green Light-7 is 7.7 feet. From approximately 500 feet north of green Can Buoy-3A, and then toward green Light-7 is at project depth or deeper.

2. Shoaling across northern half of channel from 250 feet west of and extending to 900 feet east of green Daybeacon-9.

3. Shoaling along the southern edge of channel from 500 feet east of green Light-13 and then encompasses entire channel from 500 feet west of green Daybeacon-15 to 200 feet west of green Daybeacon-17.

4. Spot shoal found along northwest side of turning basin, and across the entire southeast corner of turning basin.